

FIG. 1

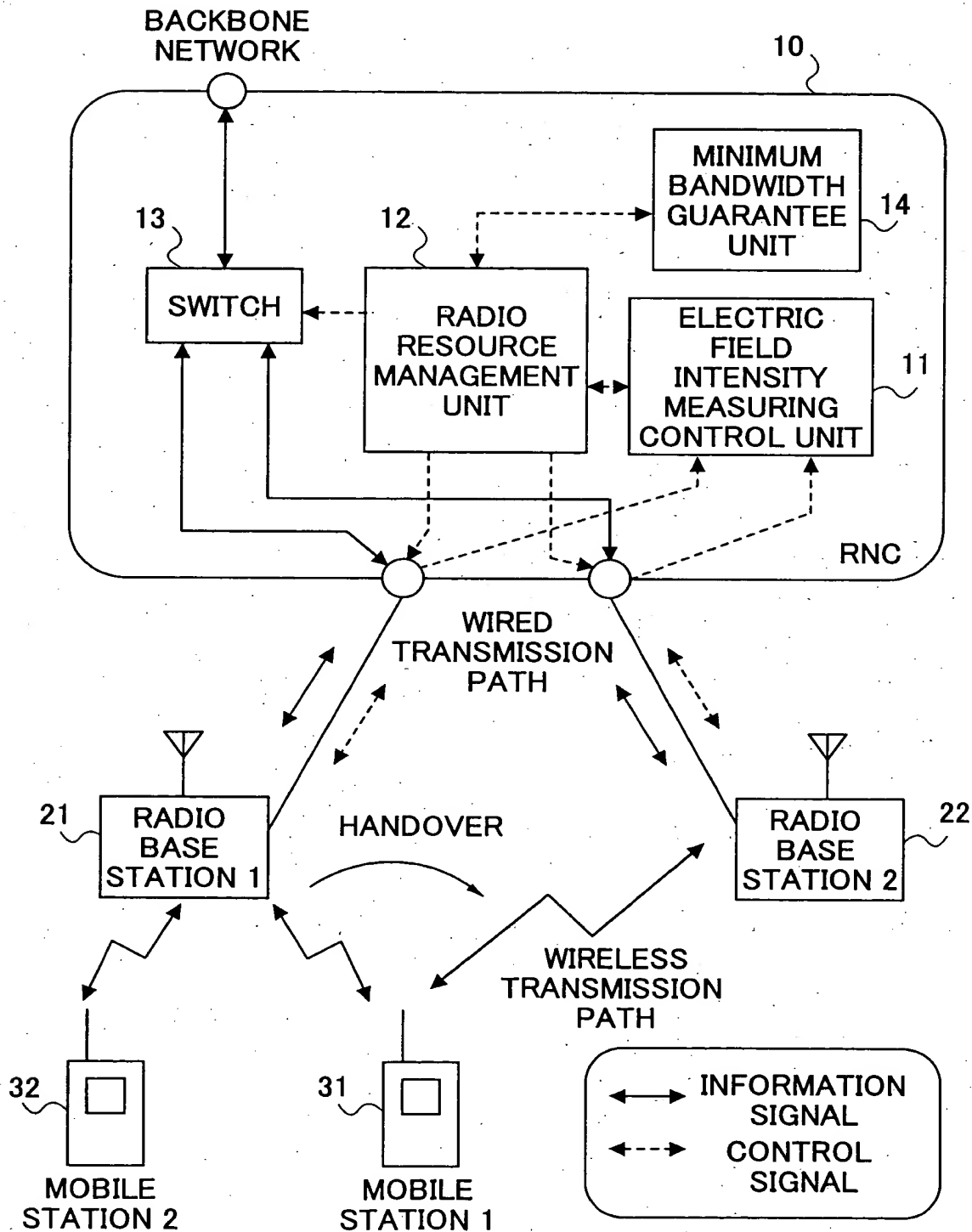


FIG.2

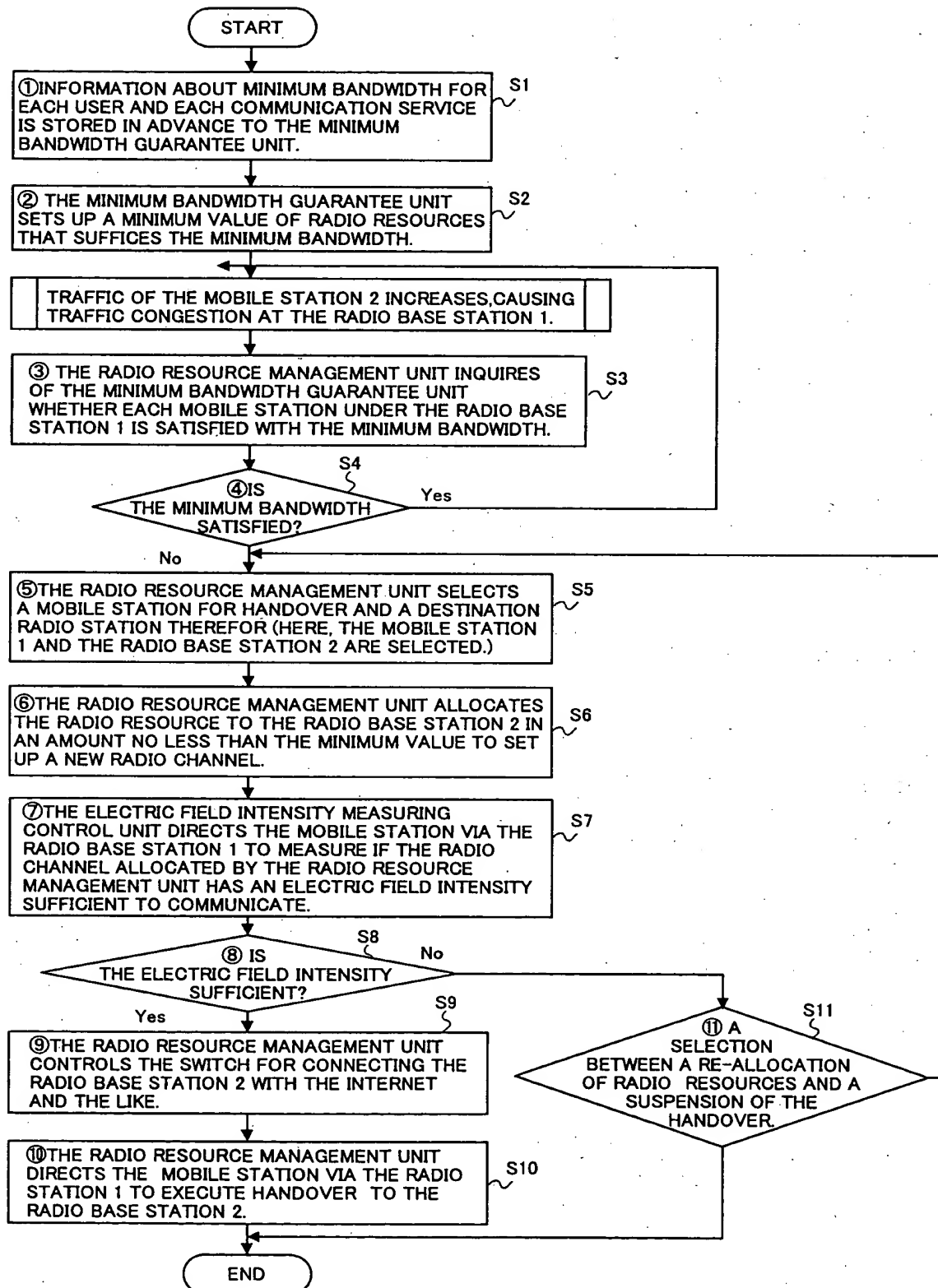


FIG. 3

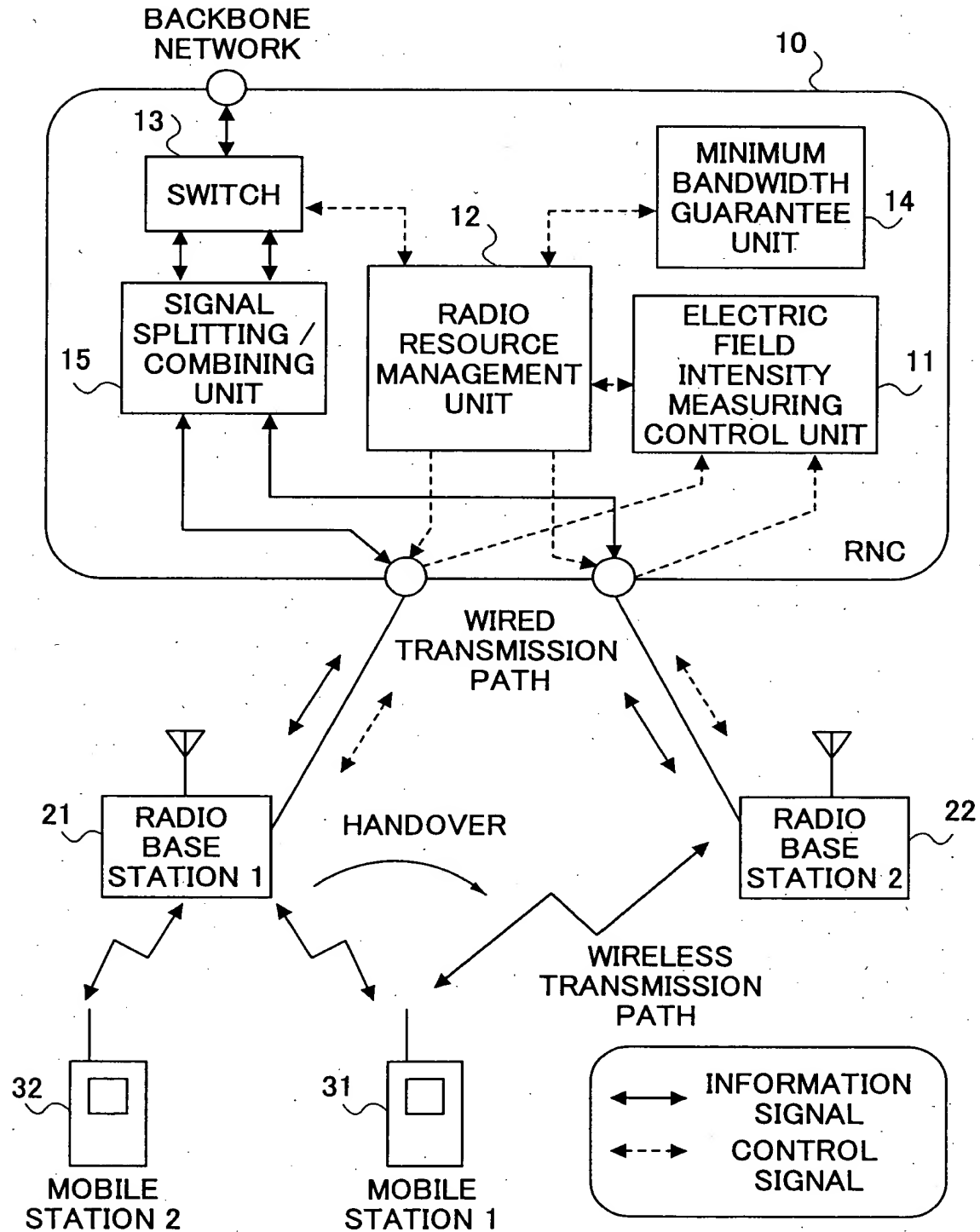


FIG. 4

FIG.4

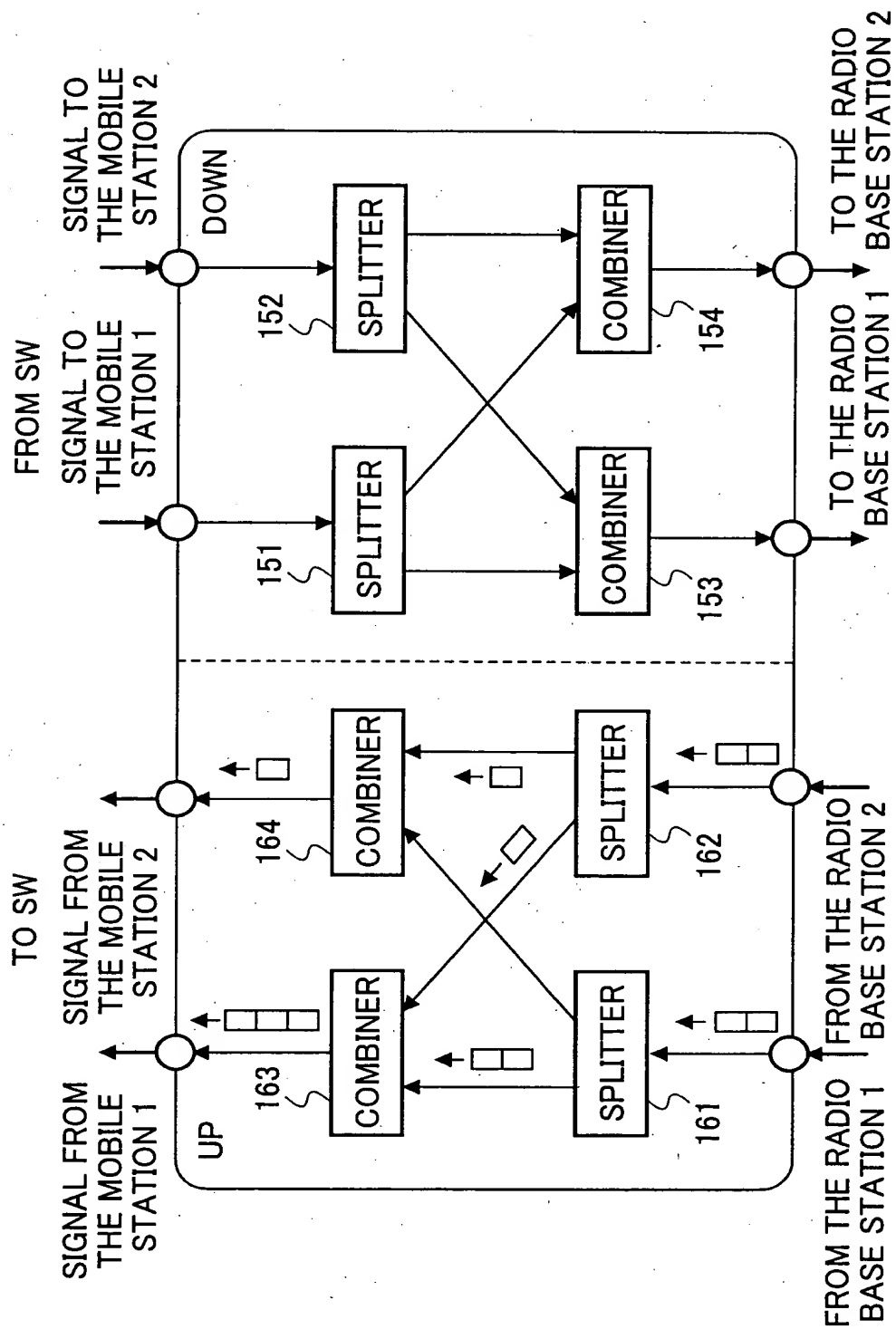


FIG.5

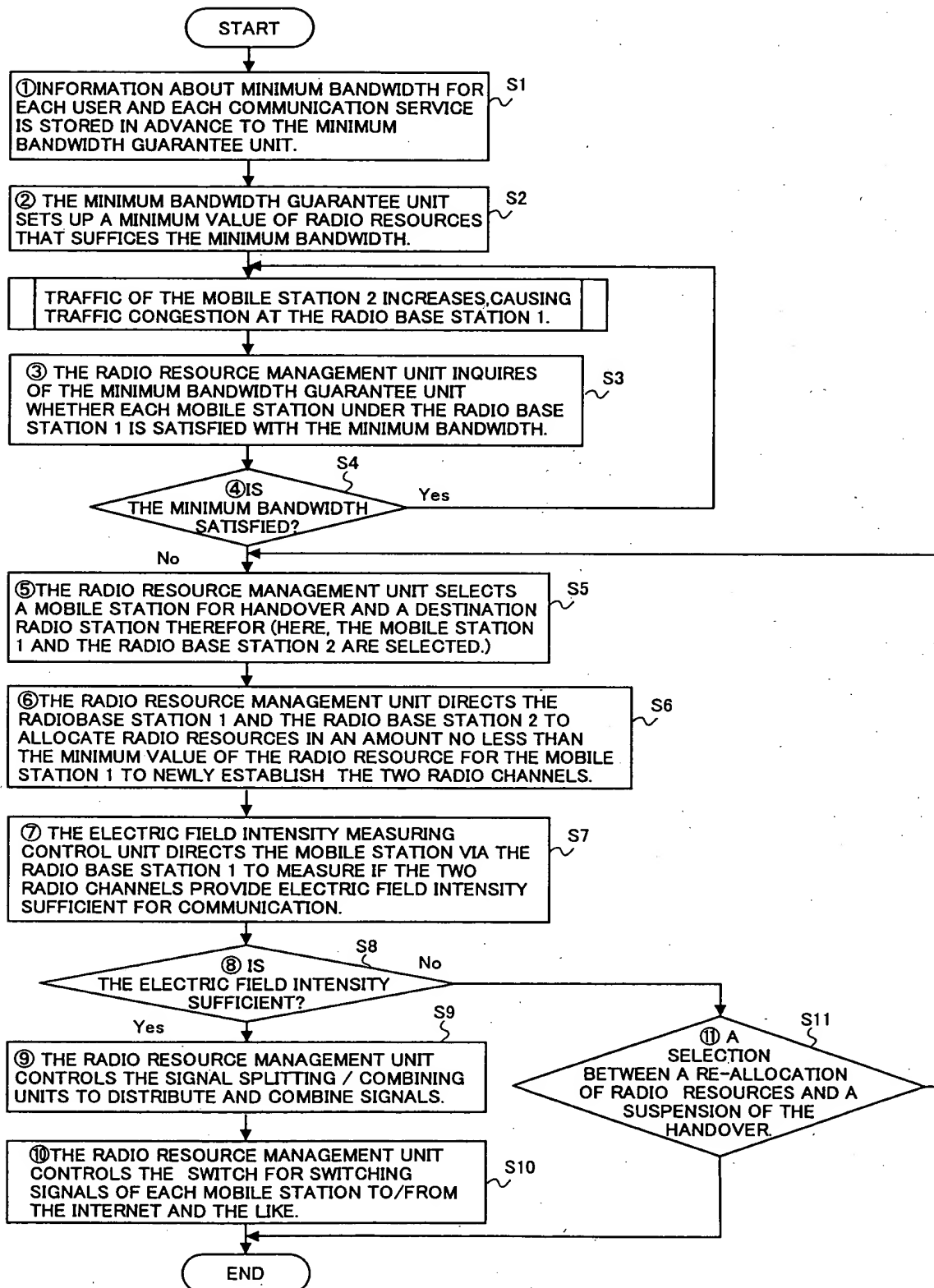


FIG. 6

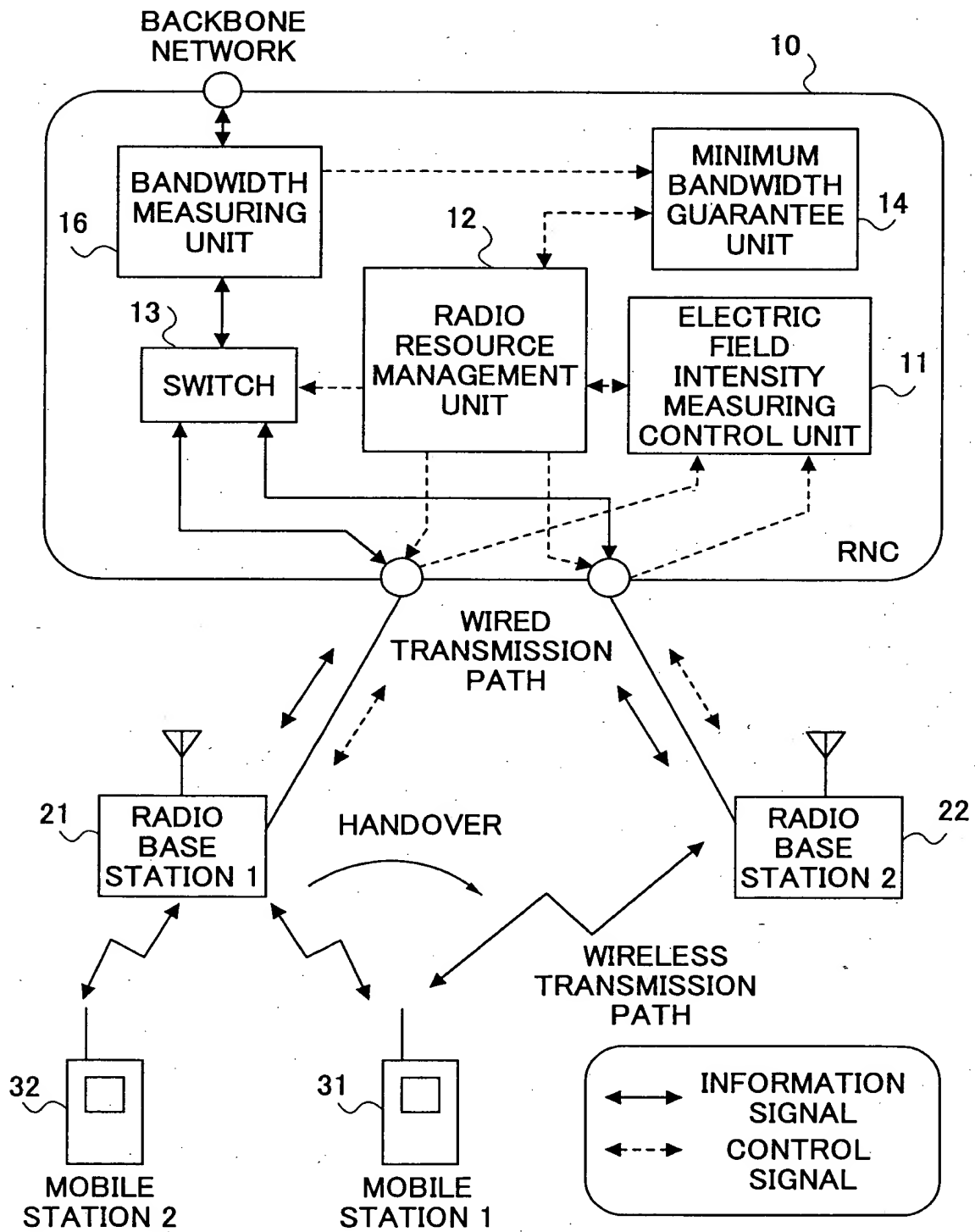


FIG. 7

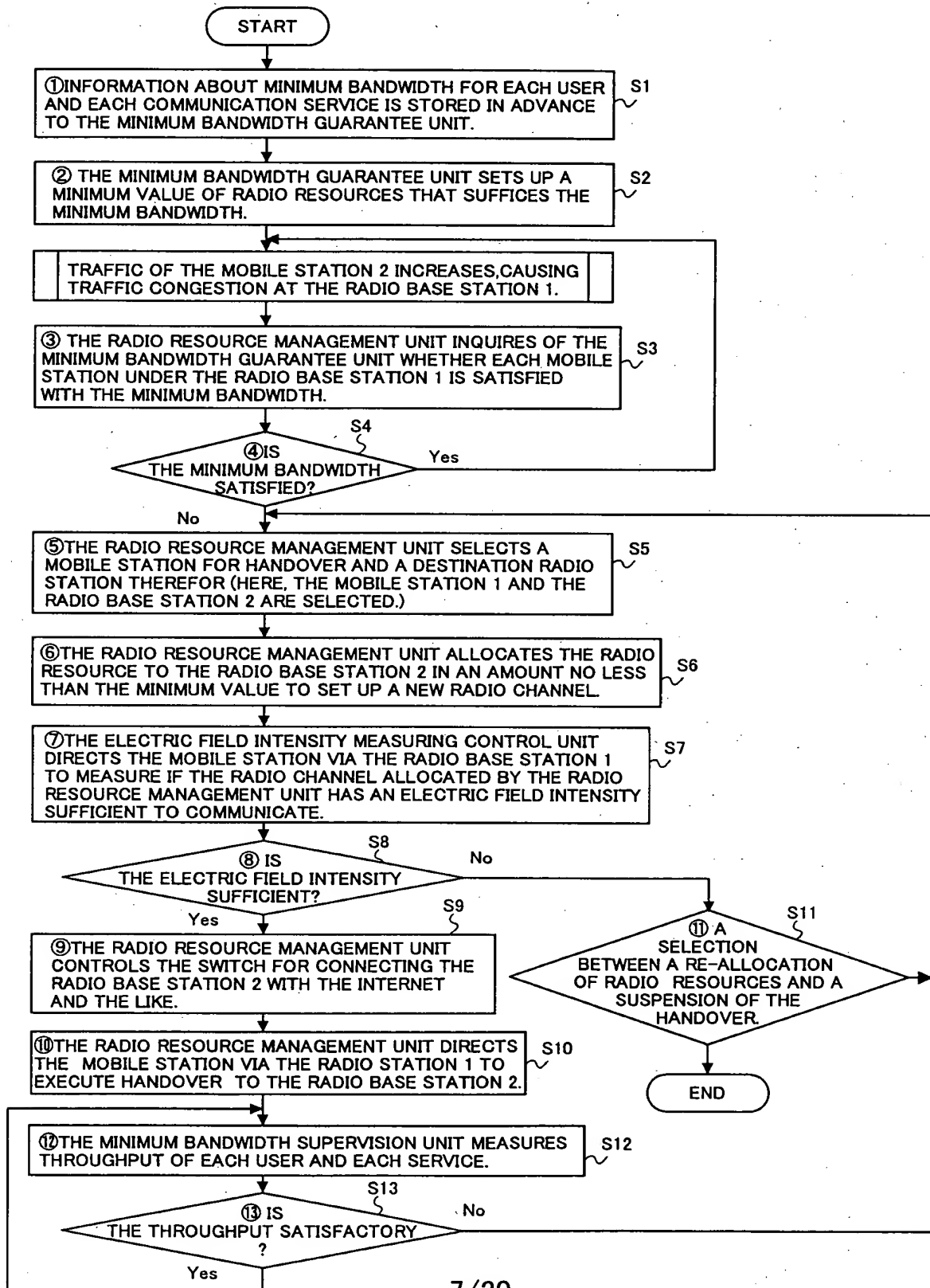


FIG.8

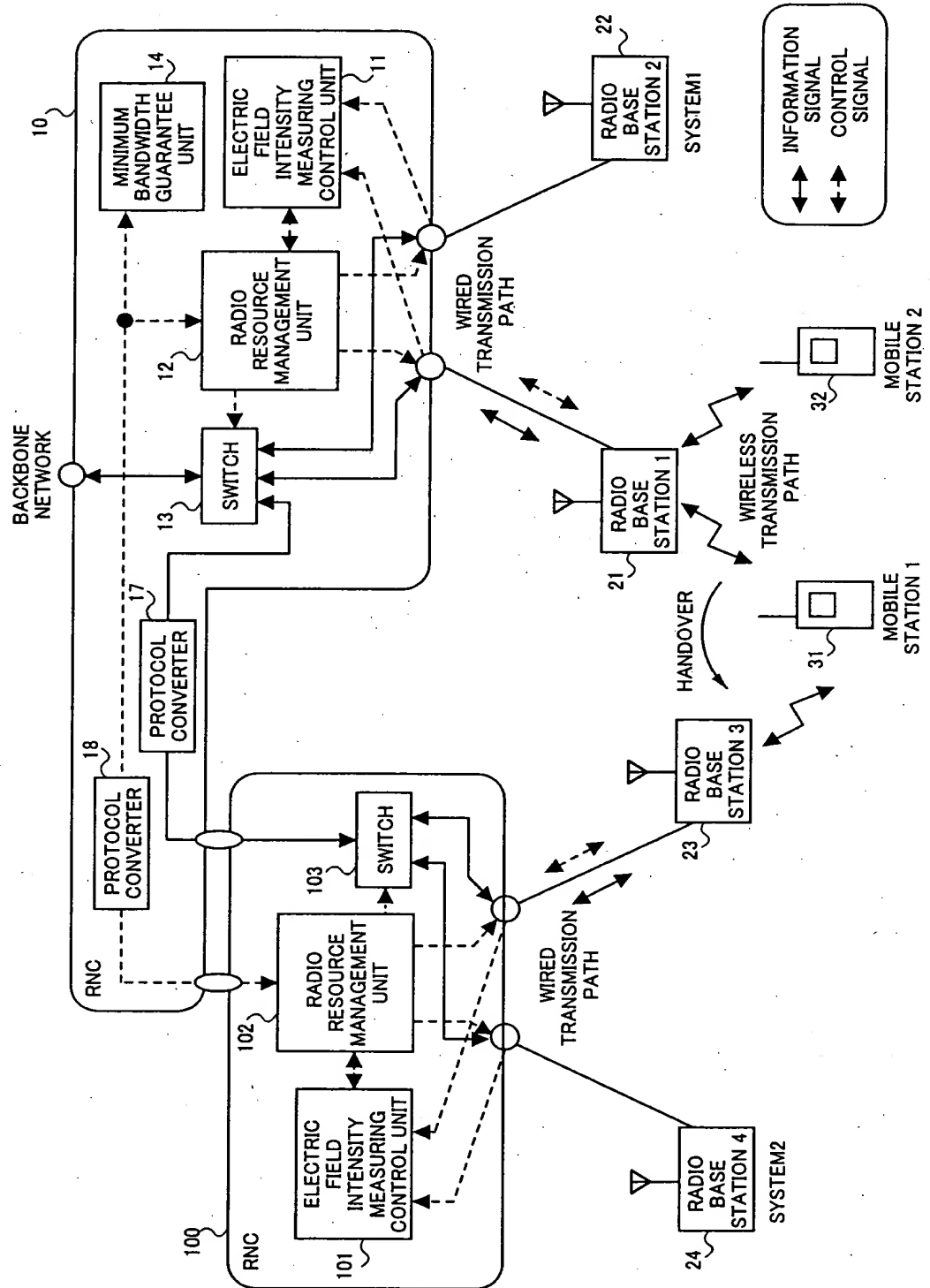




FIG. 9

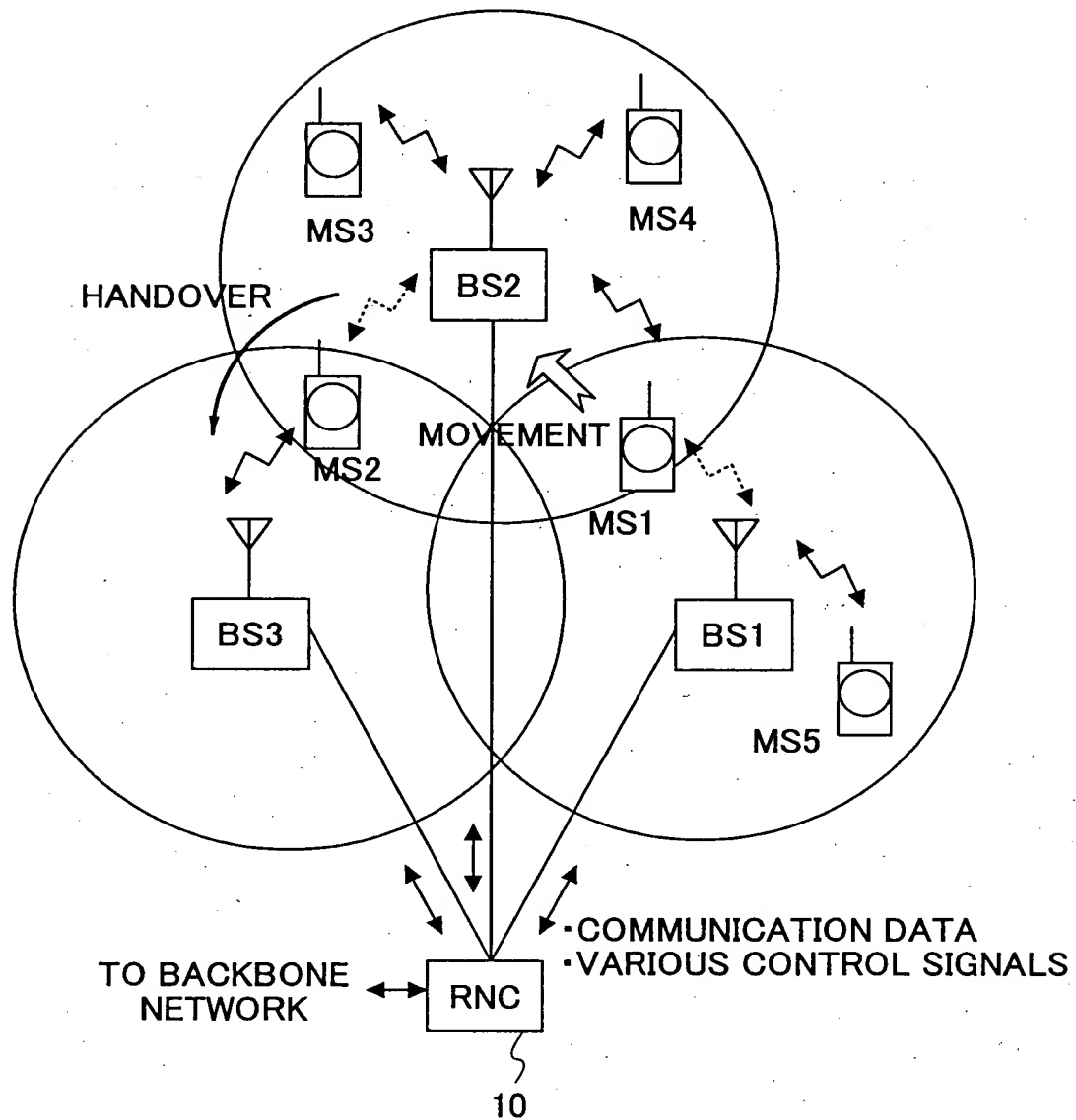


FIG. 10

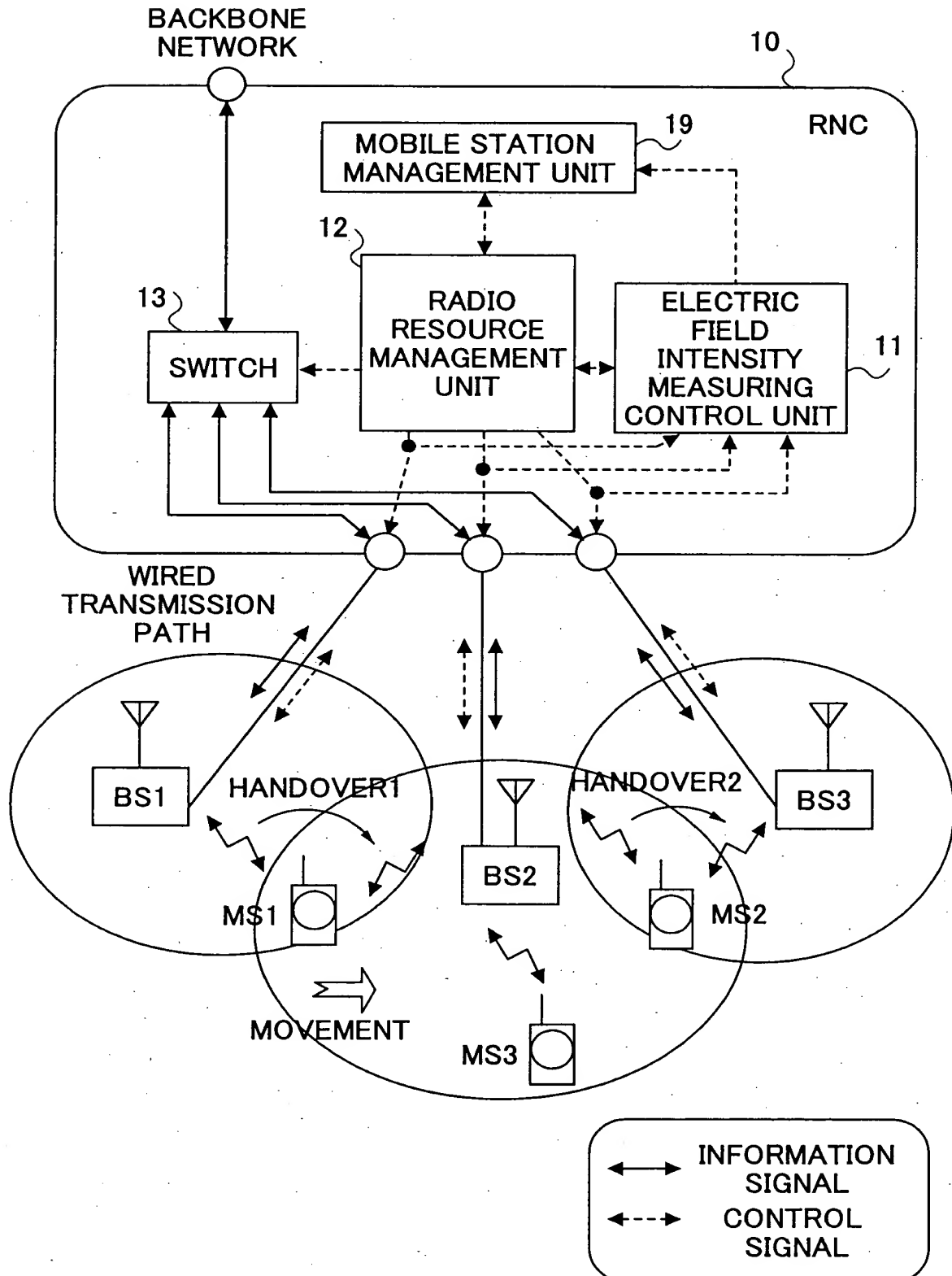


FIG.11

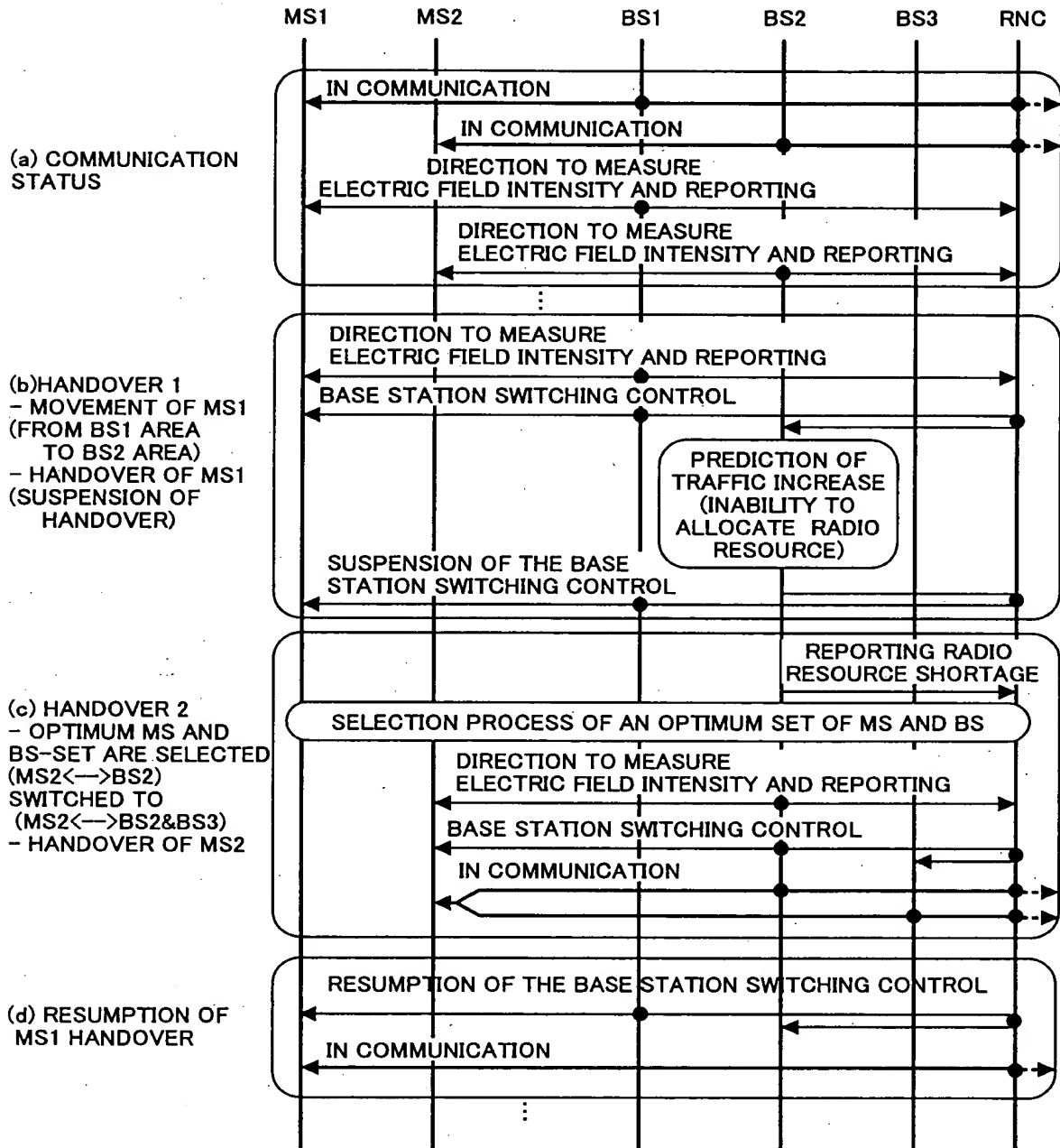


FIG.12

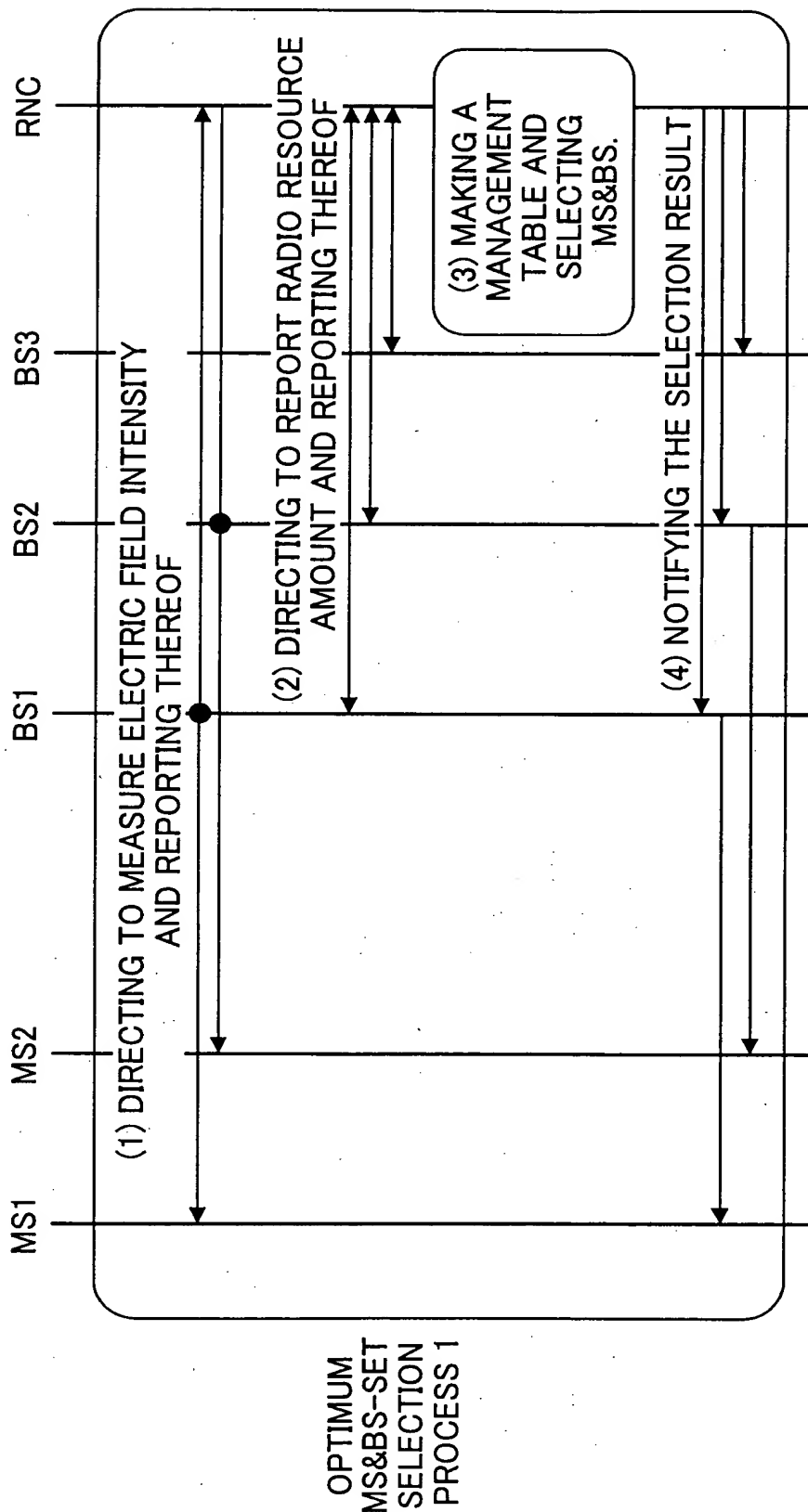


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FIG.13

ELECTRIC FIELD INTENSITY [dB $\mu$ V]		-10	0	10	20	30	40	50	60	70
DYNAMIC RANGE										
EVALUATION POINT	COMMUNICATING COUNTERPART	ZERO POINT	ONE POINT	TWO POINTS	THREE POINTS		FOUR POINTS			
	ADJACENT STATION	ZERO POINT	ONE POINT	TWO POINTS	THREE POINTS		FOUR POINTS			

FIG.14

RADIO RESOURCE USAGE RATIO (%)		0	10	20	30	40	50	60	70	80	90	100
EVALUATION POINT	MOBILE STATION				FOUR POINTS				THREE POINTS	TWO POINTS	ONE POINT	ZERO POINT
	RADIO BASE STATION			FOUR POINTS	THREE POINTS	TWO POINTS	ONE POINT					
	ADJACENT STATION		FOUR POINTS	THREE POINTS	TWO POINTS	ONE POINT						

FIG.15

	ONE RADIO BASE STATION		TWO RADIO BASE STATIONS		THREE RADIO BASE STATIONS	
	OWN STATION	ADJACENT STATION	INCLUDING OWN STATION	ADJACENT STATION ONLY	INCLUDING OWN STATION	ADJACENT STATION ONLY
EVALUATION POINT	5 POINTS	4 POINTS	3 POINTS	2 POINTS	1 POINT	0 POINT

FIG.16

	COMMUNICATION WITH ONE BS					COMMUNI- -CATION WITH 2 BSs	COMMUNI- -CATION WITH 3 BSs
	COMMUNI- -CATING COUNTER PART	ADJACENT STATIONS					
		BS2	BS1	BS3	BS4		
MS1	$y_{21} + \varepsilon D$	$y_{11} + \varepsilon D$	...	...		z	....
MS2	$y_{22} + \varepsilon D$	$y_{12} + \varepsilon D$	...	...		...	....
MS3	$y_{23} + \varepsilon D$	$y_{13} + \varepsilon D$	...	...		...	....
MS4	$y_{24} + \varepsilon D$	$y_{14} + \varepsilon D$	...	...		...	....
⋮							

1. The first step is to identify the problem or question that needs to be addressed. This involves understanding the context and the specific requirements of the task.

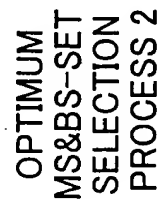


FIG.18

RU = AMOUNT OF RADIO RESOURCE NEWLY NEEDED BY MS1  
 R1 = AVAILABLE RADIO RESOURCE AMOUNT OF BS1 (INCLUDING THE  
 RADIO RESOURCE OCCUPIED BY MS1 INITIALLY)  
 R2 = AVAILABLE RADIO RESOURCE OF BS2  
 R3 = AVAILABLE RADIO RESOURCE OF BS3

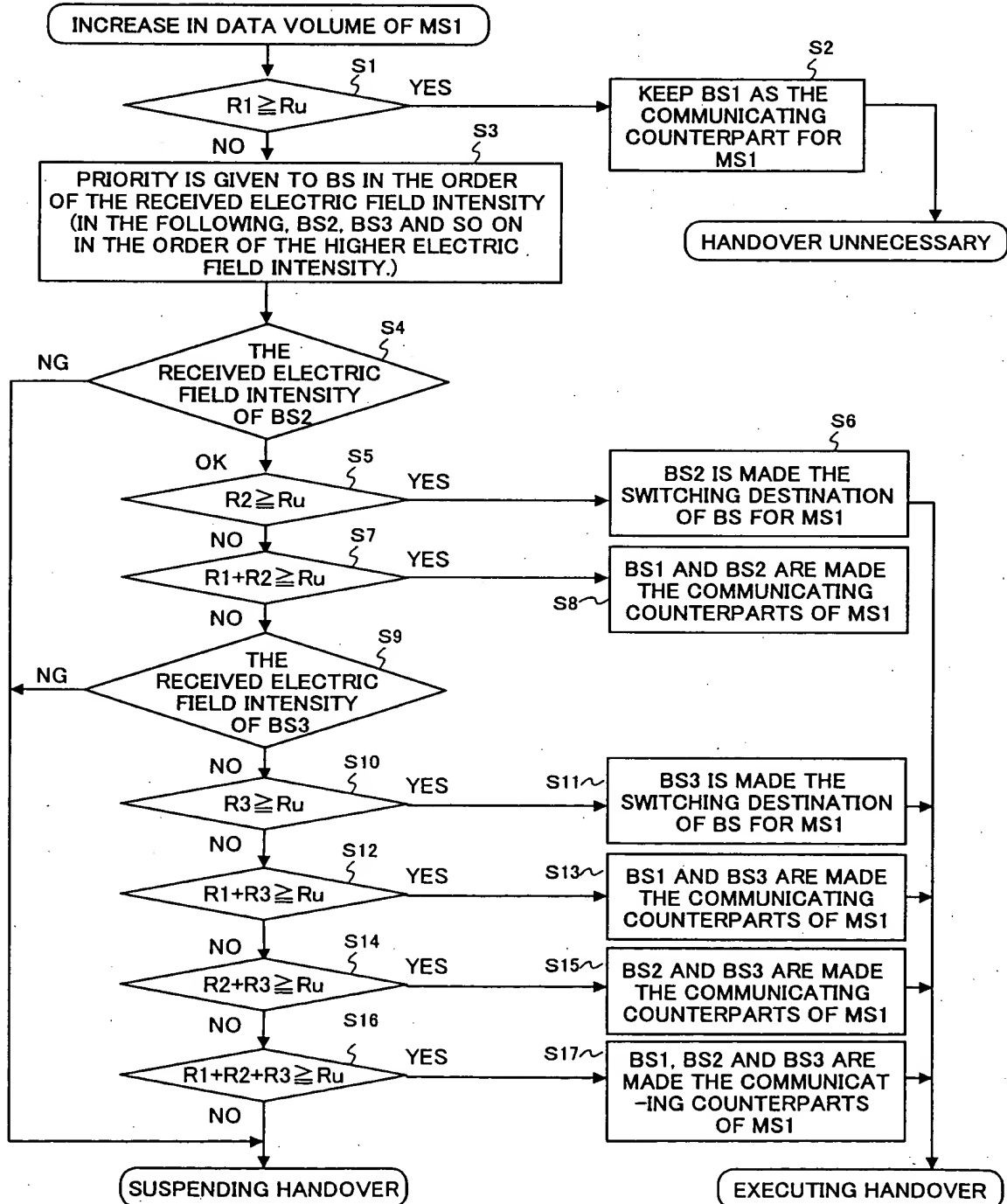
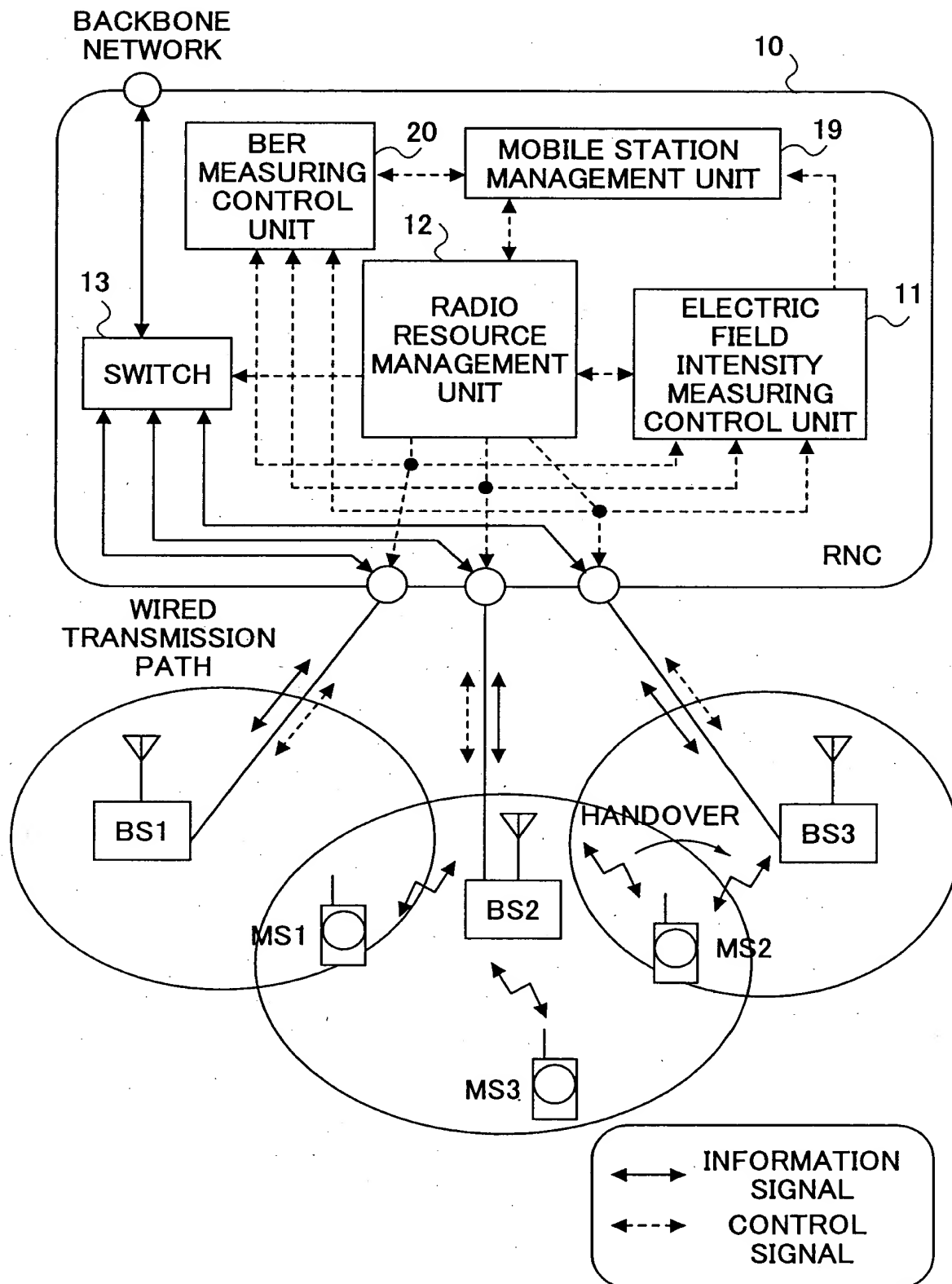




FIG. 19



Category	Sub-category	Value
Energy	Electricity	1.2
	Gas	0.8
	Oil	0.5
	Coal	0.3
	Natural Gas	0.2
	Renewable	0.1
	Hydro	0.05
	Solar	0.02
	Wind	0.01
	Geothermal	0.005
Transportation	Car	1.5
	Bus	0.8
	Train	0.5
	Plane	0.3
	Ship	0.2
	Bike	0.1
	Motorcycle	0.05
	Tram	0.02
	Subway	0.01
	Taxi	0.005
Housing	Apartment	1.0
	House	0.8
	Condo	0.5
	Commercial	0.3
	Industrial	0.2
	Office	0.1
	Warehouse	0.05
	Garage	0.02
	Storage	0.01
	Land	0.005
Food	Meat	1.2
	Vegetables	0.8
	Fruit	0.5
	Dairy	0.3
	Grains	0.2
	Protein	0.1
	Snacks	0.05
	Beverages	0.02
	Alcohol	0.01
	Spices	0.005

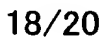


FIG.21

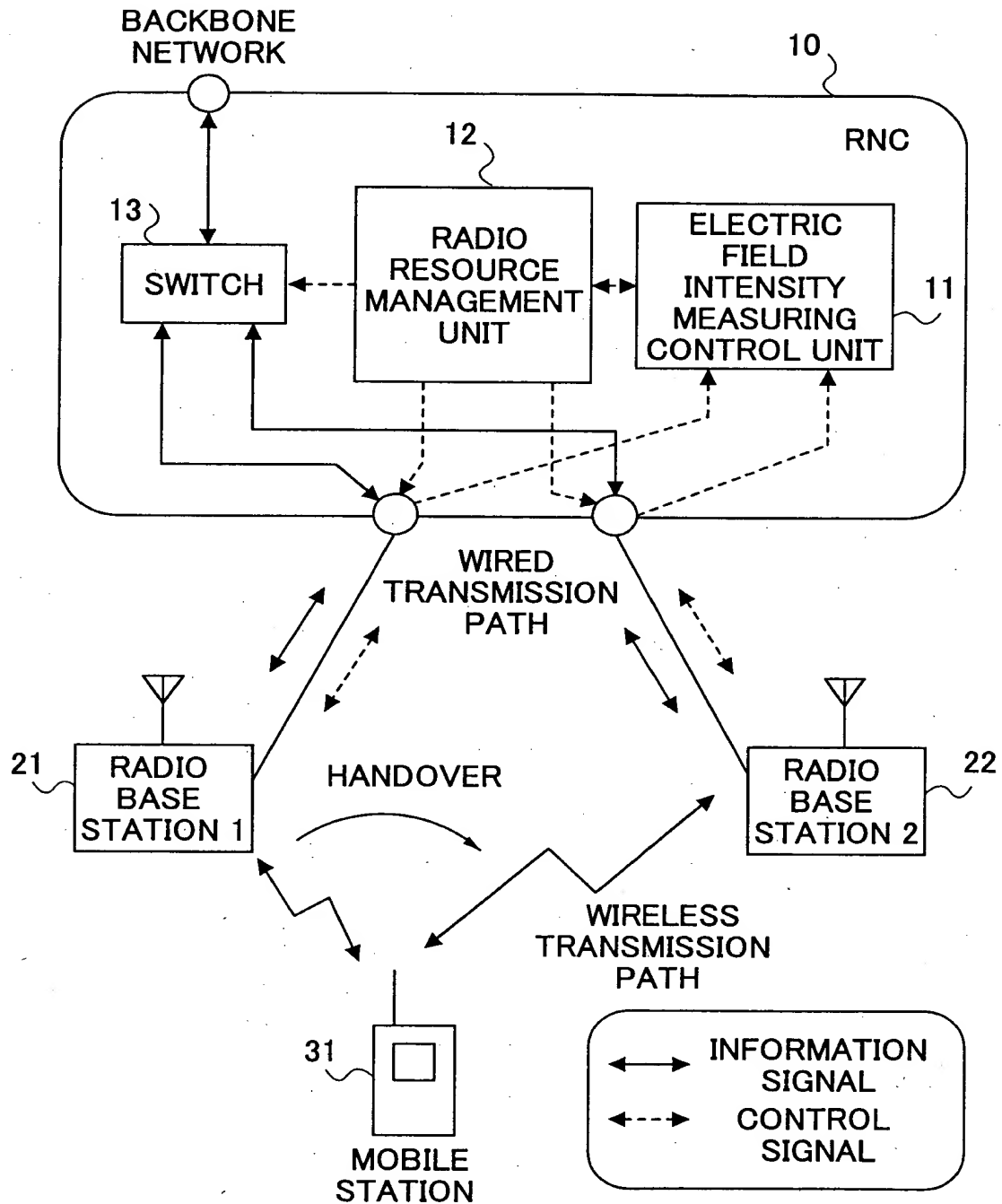


FIG.22

